

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/EP 03/11174

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C07D409/12 C07D413/14 C07D417/14 C07D409/14 A61K31/55
 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DE 100 53 799 A (BAYER AG) 8 May 2002 (2002-05-08) the whole document ---	1-10
Y	WO 01 32646 A (SMITHKLINE BEECHAM) 10 May 2001 (2001-05-10) the whole document ---	1-10
Y	WO 01 45694 A (SMITHKLINE BEECHAM) 28 June 2001 (2001-06-28) the whole document ---	1-10
Y	EP 0 007 070 A (SMITHKLINE CORP.) 23 January 1980 (1980-01-23) the whole document ---	1-10
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

30 January 2004

Date of mailing of the International search report

12/02/2004

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PCT/EP 03/11174

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, Y	WO 03 068752 A (GLAXO GROUP LTD.) 21 August 2003 (2003-08-21) the whole document -----	1-10

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International application No.
PCT/EP 03/11174

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 9 and 10 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

The additional search fees were accompanied by the applicant's protest.

No protest accompanied the payment of additional search fees.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal ref. no.

Application No.

PCT/EP 03/11174

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
DE 10053799	A	08-05-2002	DE	10053799 A1	08-05-2002
WO 0132646	A	10-05-2001	AU WO EP JP	1278701 A 0132646 A2 1228066 A2 2003513085 T	14-05-2001 10-05-2001 07-08-2002 08-04-2003
WO 0145694	A	28-06-2001	AU CA EP JP WO	2441801 A 2394603 A1 1248607 A1 2003518057 T 0145694 A1	03-07-2001 28-06-2001 16-10-2002 03-06-2003 28-06-2001
EP 7070	A	23-01-1980	AR AT AT AU AU CA CS DD DE DE DK EP EP ES ES .ES FI GR HU IE IE IL IT JP JP JP MY NO NZ PH PL PT SU US ZA	222828 A1 2267 T 19069 T 525789 B2 4861379 A 1115271 A1 213381 B2 147355 A5 2964530 D1 2967590 D1 278379 A ,B, 0007070 A1 0080012 A1 482276 A1 482281 A1 482282 A1 792125 A ,B, 69675 A1 179315 B 48655 B1 48654 B1 57532 A 1193190 B 1053271 B 55011584 A 93387 A 792267 A ,B, 190745 A 15754 A 216908 A1 69855 A 1029827 A3 4265890 A 7902785 A	30-06-1981 15-02-1983 15-04-1986 02-12-1982 07-02-1980 29-12-1981 09-04-1982 01-04-1981 24-02-1983 15-05-1986 08-01-1980 23-01-1980 01-06-1983 01-04-1980 01-04-1980 01-04-1980 08-01-1980 07-07-1982 28-09-1982 03-04-1985 03-04-1985 31-08-1982 02-06-1988 13-11-1989 26-01-1980 31-12-1987 08-01-1980 23-01-1981 18-03-1983 11-08-1980 01-08-1979 15-07-1983 05-05-1981 27-08-1980
WO 03068752	A	21-08-2003	WO WO	03068752 A1 03068751 A1	21-08-2003 21-08-2003

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